Index of Claims

| Application | n/Control No. |
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09/825,969

Date

Examiner

Rachel L. Porter

Applicant(s)/Patent under Reexamination

DOERR ET AL.

Art Unit

3626

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| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

Claim

| N | Non-Elected  |
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| _ | Interference |

| A | Appeal   |
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|--------------|--|----------|----------|--|--|--|--------------|----------|--|------------|
|              |  | <u></u>  | Γ        | Т  | $\Box$   | Γ  | П            | П        | Γ  | Г          |
| <del>-</del> | Original   | 10/15/06 |          |  |  |  |              | 1        | l  | l          |
| Final        | ij   | 15       |          |  |  |  |              |          |  | l          |
| ш            | ō  | 9        |          |  | l  | ļ  |              | i        | ĺ  | l          |
|              |  | l        | L        |  |  |  |              |          | L  | 乚          |
|              | 1  | R        |          |  |  | <u> </u>   |              | L        |  |            |
|              | 2  | R        |          |  |  |  |              |          |  | Π          |
|              | 2  | R        | П        |  |  |  |              |          |  |            |
|              | 4  | R        | $\vdash$ | 1  |  | <del>                                     </del> | $\vdash$     | T        |  | t          |
|              | 5  | R        | Н        | t  | ┢  | ╁  | $\vdash$     | H        | $\vdash$   | $\vdash$   |
|              |  | R        | -        | ├  | ╢  | ┢  | ┢            | ⊢        | ⊢  | ╁╌         |
|              | 6<br>7   |          | -        | -  | _  | ├  | ⊢            | -        |  | ├-         |
|              |  | R        | ļ        | <u> </u>   | _  | <u> </u>   | _            |          | <u> </u>   | L          |
|              | 8  | R        | _        | 上  | L  | L  | _            | L        |  |            |
|              | 9  | R        |          | L  |  |  |              |          |  |            |
|              | 10   |          |          |  |  |  | Γ            | Γ        | Г  | Π          |
|              | 11   | R        |          |  | Г  | П  |              |          |  |            |
|              | 12   | R        | <b>†</b> | t  |  | İ  | T            | T-       | İΤ   | T          |
| $\vdash$     | 12<br>13   | R        | <u> </u> | ╁  | H  | -  | ┢            | $\vdash$ | $\vdash$   | ╁          |
| $\vdash$     | 14   |          | -        | ┼  | ⊢  | ├  | ├            | $\vdash$ | $\vdash$   | $\vdash$   |
|              | 14<br>15   | R        |          | ⊢  | ⊢  | ⊢  | <del> </del> | ├        | ⊢  | $\vdash$   |
| <u> </u>     | 15   | R        |          | <b>├</b>   | _  | <u> </u>   | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>   |
|              | 16   | R        |          | <u> </u>   |  | <u></u>  |              | _        | <u></u>  | L          |
|              | 17   | R        |          |  |  |  |              |          |  | l_         |
|              | 17<br>18   | R        |          |  |  |  | П            | П        |  |            |
|              | 19   | R        |          | T  | -  | _  | $\vdash$     | $\vdash$ | _  | 1          |
|              | 20   | R        |          | <del>                                     </del> |  |  | ┢            | -        | 1  | $\vdash$   |
| <u> </u>     | 21   | R        | -        | ┢  | $\vdash$   | $\vdash$   | -            |          | ├  | $\vdash$   |
| _            | 21   |          | <u> </u> | ⊢  | -  | -  | ⊢            | ⊢        |  | <u> </u>   |
|              | 22   | R        | _        | _  |  | -  | _            | ┡        | _  | L          |
|              | 23<br>24   |          |          |  | L  | _  | L            | L        | <u></u>  |            |
|              | 24   |          |          |  |  |  | <u> </u>     | L_       |  |            |
|              | 25   |          |          |  |  |  |              |          |  |            |
|              | 26   |          |          |  |  |  |              |          |  |            |
|              | 27   | $\vdash$ |          |  | Г  | П  | $\vdash$     | Г        | Т  |            |
|              | 28   | ┰        | $\vdash$ | $\vdash$   | $\vdash$   | ┢  | -            | ┪        | <del>                                     </del> |            |
|              | 28<br>29   | -        | -        | ┢  | ⊢  | -  | $\vdash$     | ⊢        |  | ⊢          |
|              | 29   | $\vdash$ | ⊢        | ├  | _  | <u> </u>   | <u> </u>     | ┢        | ┝  | ⊢          |
|              | 30   |          | <u> </u> | Ь  | _  | <u> </u>   | L            | 1_       | L  | _          |
|              | 31   | _        | _        |  |  |  |              | L        | _  | 匚          |
|              | 32   |          |          | <u> </u>   |  |  |              |          | L  |            |
|              | 33   |          |          |  |  |  |              |          |  |            |
|              | 34<br>35   |          |          |  |  |  |              |          |  |            |
|              | 35   | Г        |          | Т  | $\vdash$   | Т  | $\vdash$     |          |  | ┢          |
|              | 36   | $\vdash$ | $\vdash$ | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$     |          | $\vdash$   | $\vdash$   |
| <u> </u>     | 50   | $\perp$  | <u> </u> |  |  |  |              | Ь        | <b>—</b>   | <b>!</b> — |
|              | 27   |          |          | 1  | $\vdash$   |  | _            |          | ı  |            |
|              | 37   |          |          |  |  |  |              | _        |  | _          |
|              | 37<br>38   |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39   |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40   |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41                                     |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41                                     |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41<br>42                               |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41<br>42<br>43                         |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41<br>42<br>43<br>44                   |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41<br>42<br>43<br>44<br>45             |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41<br>42<br>43<br>44<br>45<br>46       |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41<br>42<br>43<br>44<br>45<br>46<br>47 |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41<br>42<br>43<br>44<br>45<br>46<br>47 |          |          |  |  |  |              |          |  |            |
|              | 37<br>38<br>39<br>40<br>41<br>42<br>43<br>44<br>45<br>46<br>47 |          |          |  |  |  |              |          |  |            |

| <u> </u>   | 1  | -  |  |                    | -        | Juli     | <del>-</del> | _            | ,            | _        |
|--|--|--|--|--------------------|----------|----------|--------------|--------------|--------------|----------|
| Final  | Original                                     |  |  |                    |          |          |              |              |              |          |
|  | 51   |  |  |                    | П        |          |              |              |              |          |
| <del>-</del>                                     | 52   |  | ┢  | $\vdash$           | ╁        | ╌        | ┢            | $\vdash$     | ⊢            | ┢        |
|  | 52   | -  | $\vdash$   | $\vdash$           | ├        | ╌        | <u> </u>     | ├            | -            | -        |
|  | 53   |  |  | <u> </u>           | <u> </u> | <u> </u> | Щ.           | <u> </u>     | <u> </u>     | $\vdash$ |
|  | 54   |  | ļ  |                    | l        |          |              |              |              |          |
|  | 55   |  |  |                    | 1        |          |              |              |              |          |
|  | 56   | Γ  | Π  |                    | ١.       |          |              |              | Г            |          |
|  | 57   | $\vdash$   | T  | T                  | 1        |          |              | t            | T            | $\vdash$ |
|  | 51<br>52<br>53<br>54<br>55<br>56<br>57<br>58 | ┪  | ├-   | ╁                  | $\vdash$ | -        | $\vdash$     | ┢            | ├-           | ╁        |
| <u> </u>   | 50   | -  | ┢  | ┢                  | ⊢        | ⊢        |              | -            | ⊢            | <u> </u> |
|  | 59<br>60                                     | <u> </u>   | ├  | -                  | ├        | ├        | _            | <b>⊢</b>     | <u> </u>     | -        |
| <u> </u>   | 60   | _  | L  | L.                 | <u> </u> | _        | _            | _            | ᆫ            | Ш        |
|  | 61   |  |  |                    |          |          |              | _            |              |          |
|  | 62   |  |  |                    |          |          |              | l            |              |          |
|  | 63   |  |  | П                  |          |          |              | Г            | Π            | П        |
|  | 64   |  |  |                    | 1        | ı        | $\vdash$     | ┢            | Н            | Н        |
| <del>                                     </del> | 62<br>63<br>64<br>65<br>66                   |  | <del>                                     </del> |                    | Ι-       | ┢        | $\vdash$     | ┢            | $\vdash$     | $\vdash$ |
| <u> </u>   | 00   | $\vdash$   | ⊢  | ⊢                  | ⊢        | -        | -            | <u> </u>     | H            | ₩        |
| <u> </u>   | 00   | $\vdash$   | Ь—   | -                  | -        | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>     | $\vdash$ |
| <u></u>  | 67   |  |  | _                  |          |          |              | _            | _            | Ш        |
|  | 67<br>68                                     |  | L  |                    |          |          |              |              |              |          |
|  | 69   |  |  |                    |          |          |              | Г            |              |          |
|  | 70   |  |  |                    | Г        |          |              |              |              | $\Box$   |
|  | 70<br>71                                     |  | T  |                    | $\vdash$ |          |              | -            | 1            | $\vdash$ |
|  | 72   |  | ┢╌   |                    | $\vdash$ | <u> </u> | -            | ┪            | $\vdash$     | Н        |
| <b>—</b>   | 72   | _  | ┢  | H                  |          | _        |              | ├            | <del> </del> | Н        |
|  | 74   | ⊢  | -  | ⊢                  | 1        |          | -            | ⊢            | <u> </u>     |          |
|  | 74   | ļ  | <u> </u>   | _                  | ļ        | L        |              | <u> </u>     | <u> </u>     | L        |
|  | 75   | <u> </u>   | <u> </u>   | L                  |          | _        | <u> </u>     | L            | <u> </u>     | Ш        |
|  | 76   |  | 匚  |                    |          |          |              |              | L            | Ш        |
|  | 72<br>73<br>74<br>75<br>76<br>77             |  | L_   |                    |          |          |              |              |              |          |
|  | 78<br>79                                     |  |  |                    |          |          |              | $I^-$        |              |          |
|  | 79   |  |  |                    |          | T        |              | T            |              | П        |
|  | 80   |  |  |                    | $\vdash$ | $\vdash$ |              | $\vdash$     |              | Н        |
|  | 81   | <del>                                     </del> | _  | -                  |          | -        |              | $\vdash$     | -            | ╁┈┤      |
|  | 81<br>82                                     | ┝  | -  | -                  | -        | -        | -            | ⊢            |              | Н        |
|  | 02   | ⊢  | ⊢  | _                  |          | _        | _            |              |              |          |
|  | 83   | <u>_</u>   | ļ  | <u> </u>           | <u> </u> |          | _            | L            |              | Ш        |
|  | 84<br>85                                     | <u> </u>   |  | _                  |          | _        | _            |              |              | Ш        |
|  | 85   | L  |  |                    | _        |          | _            |              |              | Ш        |
| Li   | 86   |  |  | l                  |          |          |              |              |              |          |
|  | 87   |  |  |                    |          |          |              |              |              |          |
|  | 88   |  | I  |                    |          |          |              | _            |              |          |
|  | 89   |  |  |                    |          |          |              |              |              |          |
|  | 90   |  |  |                    |          |          |              |              |              | П        |
|  | 91   |  |  |                    |          | _        |              |              |              | Н        |
|  |  | _  | _  |                    |          |          |              | ┝            | -            | $\vdash$ |
|  | 92   | -  |  |                    |          | -        |              | -            | ┝            | -        |
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|  | 95   | -  | <u> </u>   | $\vdash$           |          | <u> </u> | -            | <del> </del> | $\vdash$     | Н        |
| <u> </u>   |  | _  | $\vdash$   | -                  | <b></b>  | <u> </u> |              | $\vdash$     | $\vdash$     | Н        |
| <u> </u>   | 96   |  | <b>-</b> -                                       | <b></b>            | Ь.       |          |              | $\vdash$     | <u> </u>     | Щ        |
| L  | 97   |  | <u> </u>   | Щ                  | Щ        | Щ        |              |              | ļ.,          | Ш        |
| L  | 98   |  |  | Щ,                 |          | L        |              |              |              | Щ        |
| L  | 99   |  | Ш  | $oxedsymbol{oxed}$ |          |          |              |              |              | $\Box$   |
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| Tell   | Cla | aim   |   |   |   |   | Date | <br>e |   |    | $\neg$ |
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| 101   |     |       |   |   |   | П |      |       |   |    |        |
| 101   | Jai | jinis |   |   |   |   |      |       |   |    |        |
| 101   | Fir | )rig  | i |   |   |   |      |       |   | l  |        |
| 103   104   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   140   141   142   143   144   145   146   147   148   149   149   149   140   141   142   143   144   145   146   147   148   149   149   149   149   149   140   141   142   143   144   145   146   147   148   149 |     |       |   |   |   |   |      |       |   |    |        |
| 103   104   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   140   141   142   143   144   145   146   147   148   149   149   149   140   141   142   143   144   145   146   147   148   149   149   149   149   149   140   141   142   143   144   145   146   147   148   149 |     | 101   |   |   |   |   | П    |       |   |    |        |
| 103   104   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   140   141   142   143   144   145   146   147   148   149   149   149   140   141   142   143   144   145   146   147   148   149   149   149   149   149   140   141   142   143   144   145   146   147   148   149 |     | 102   |   |   |   |   | П    |       |   | П  | П      |
| 104   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   140   141   142   143   144   145   146   147   148   149   149   140   141   142   143   144   145   146   147   148   149 |     | 103   |   |   |   |   |      |       |   |    | П      |
| 106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   148   149   149   148   149   148   149   149   148   149   149   148   149   148   149   148   149   149   148   149   149   148   149 |     | 104   |   |   |   |   |      |       |   |    |        |
| 106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   148   149   149   148   149   148   149   149   148   149   149   148   149   148   149   148   149   149   148   149   149   148   149 |     | 105   |   |   |   |   | Г    |       |   |    |        |
| 108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   148   149   148   149   149   148   149   148   149   149   148   149   149   148   149   148   149   148   149   148   149   149   148   149   149   148   149   148   149   149   140 |     | 106   |   |   |   |   |      |       |   |    |        |
| 109   |     | 107   |   |   |   |   |      |       |   |    |        |
| 110   |     | 108   |   |   |   |   |      |       |   |    |        |
| 111   |     | 109   |   |   |   |   |      |       |   |    |        |
| 112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   |     | 110   |   |   |   |   |      |       |   |    |        |
| 114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   |     | 111   |   |   | L |   |      | L     | L |    |        |
| 114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   |     | 112   |   |   |   |   |      |       |   |    |        |
| 114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   |     | 113   |   |   |   | L | 匚    |       |   |    |        |
| 115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   |     | 114   |   |   | 匚 | L |      | Ĺ     |   |    |        |
| 116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   |     | 115   |   | Ĺ | 匚 | L |      |       |   |    |        |
| 118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   |     | 116   |   |   |   |   |      | Ĺ     | 匚 |    |        |
| 120   |     | 117   |   |   |   |   |      |       |   |    |        |
| 120   |     | 118   |   |   |   |   |      |       |   |    | П      |
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| 123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149   |     | 121   |   |   |   |   |      |       | Г |    | П      |
| 123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149   |     | 122   |   |   |   |   |      |       |   |    |        |
| 126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |     | 123   |   |   |   |   |      |       |   |    |        |
| 126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |     | 124   |   |   |   |   |      |       |   |    |        |
| 126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |     | 125   |   |   |   |   |      |       |   |    |        |
| 128   |     | 126   |   |   |   |   |      |       |   |    |        |
| 128   |     | 127   |   |   |   |   |      |       |   |    |        |
| 130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>144<br>145<br>146<br>147<br>148  |     | 128   |   |   |   |   |      |       |   |    |        |
| 131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>144<br>145<br>146<br>147<br>148   |     | 129   |   |   |   |   |      |       |   |    |        |
| 133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |     | 130   |   |   |   |   |      |       |   |    |        |
| 133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |     | 131   |   |   |   |   |      |       |   |    |        |
| 133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |     | 132   |   |   |   |   |      | L     |   |    |        |
| 135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |     | 133   |   |   |   |   |      |       |   | L. | $\Box$ |
| 135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |     | 134   |   |   |   |   |      |       |   |    | П      |
| 137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |     | 135   |   |   |   |   |      |       |   |    |        |
| 139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |     | 136   |   |   |   |   |      |       |   |    |        |
| 139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |     | 137   |   |   |   |   |      | L     |   |    |        |
| 139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |     | 138   |   |   |   |   |      |       |   |    |        |
| 140   |     | 139   |   |   |   |   |      |       |   |    |        |
| 142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |     | 140   |   |   |   |   |      |       |   |    |        |
| 143   |     | 141   |   |   |   |   |      |       |   |    |        |
| 144<br>145<br>146<br>147<br>148<br>149  |     | 142   |   |   |   |   |      |       |   |    |        |
| 145<br>146<br>147<br>148<br>149   |     |       |   |   |   |   |      |       |   |    |        |
| 146<br>147<br>148<br>149  |     |       |   |   |   |   |      |       |   |    |        |
| 147<br>148<br>149   |     |       |   |   |   |   |      |       |   |    |        |
| 148   |     | 146   |   |   |   |   |      |       |   |    |        |
| 149   |     | 147   |   |   |   |   |      |       |   |    |        |
|   |     |       |   |   |   |   |      |       |   |    |        |
| 150   |     |       |   |   |   |   |      |       |   |    |        |
|   |     | 150   |   |   |   |   |      |       |   |    |        |